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CLAIMS

1. Method for producing a glutamine-rich
gluten-free peptide preparation from gluten protein,
5 comprising the steps of:

a) enzymatically hydrolysing gluten using one
or more proteases to obtain a hydrolysate;

b) acidifying the hydrolysate to a pH between 4
and 5; and

10 c) filtering the hydrolysate to obtain the
glutamine-rich gluten-free peptide preparation as the
filtrate.

2. Method as claimed in claim 1, wherein the
proteases are alkaline or neutral proteases.

15 3. Method as claimed in claim 1 or 2, wherein
the pH is between 4.2 and 4.8.

4. Method as claimed in claims 1-3, wherein the
pH is between 4.5 and 4.7.

5. Method as claimed in claims 1-4, wherein
20 proteases are used that are active at a pH above 6.

6. Method as claimed in claims 1-5, wherein
between step b) and c) the enzymes are inactivated.

7. Method as claimed in claim 6, wherein the
enzymes are inactivated by means of heat.

25 8. Method as claimed in claims 1-7, wherein the
gluten is wheat gluten.

9. Peptide preparation prepared from gluten
protein, which is glutamine-rich and gluten-free and
obtainable by a method as claimed in claims 1-8.

30 10. Peptide preparation as claimed in claim 9,
wherein the gluten from which the preparation is made is
wheat gluten.

11. Peptide preparation as claimed in claims 9
and 10 for use as in ingredient in glutamine peptide
35 tablets.

12. Peptide preparation as claimed in claims 9
and 10 for use as in ingredient in glutamine peptide
liquid beverages.

13. Peptide preparation as claimed in claims 9 and 10 for use as in ingredient in glutamine peptide enteral nutrition.

14. Glutamine peptide tablets comprising the usual carriers, diluents and excipients for tablets and a peptide preparation as claimed in claims 9 and 10 as glutamine peptide source.

15. Glutamine peptide liquid beverage comprising the usual ingredients for beverages and a peptide preparation as claimed in claims 9 and 10 as glutamine peptide source.

16. Glutamine peptide enteral nutrition comprising the usual carriers, diluents and excipients for enteral nutrition and a peptide preparation as claimed in claims 9 and 10 as glutamine peptide source.